






BACKLIGHTING DEVICE FOR DISPLAY SCREEN BY NIGHT-VISION COMPATIBLE TRANSMISSION






Patent number: WO02060224
Publication date: 2002-08-01
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Classification:
- **international:** H05B33/02; B60Q3/04; B64D47/02; G02F1/3357
- **european:** B60Q3/04; G02F1/13357
Application number: WO2002FR00142 20020115
Priority number(s): FR20010001104 20010126

Also published as:

 EP1368996 (A1)
 US6847173 (B2)
 US2004057226 (A1)
 FR2820235 (A1)
 CA2435454 (A1)

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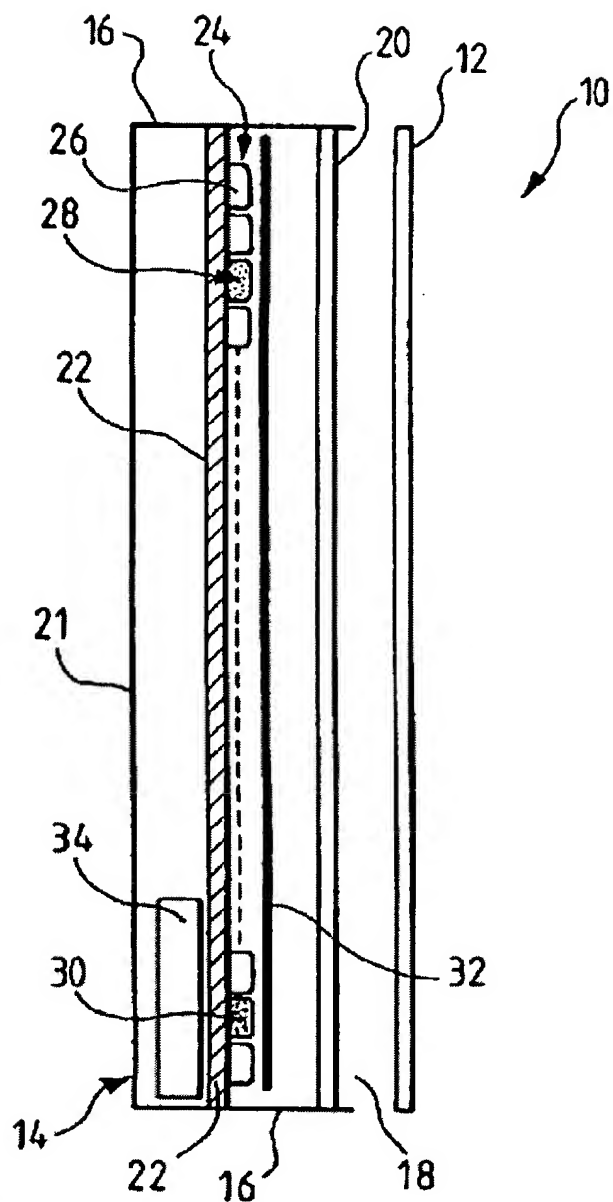
Cited documents:

 EP0797180
 US5143433
 EP0364346
 US6132072
 JP2000294379
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Abstract of **WO02060224**

The invention concerns a backlighting device, with several luminance levels, for transmission display screen (12). The device comprises light sources arranged in a housing (14) between a front translucent wall consisting of a diffusing screen (20) and a rear wall (24). The light sources, selected on the basis of the desired luminance level, are mosaics (24, 28) of light-emitting diodes (26, 30) placed immediately behind the diffusing screen with, for the highest luminance level, a first mosaic (24) of light-emitting diodes providing day time illumination and, for the lowest luminance level, a second mosaic (28) of light-emitting diodes providing night time illumination lighting. The invention is applicable to illumination box for transmission display screens.



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